

REMARKS

Applicants respectfully requests reconsideration of this application as amended.

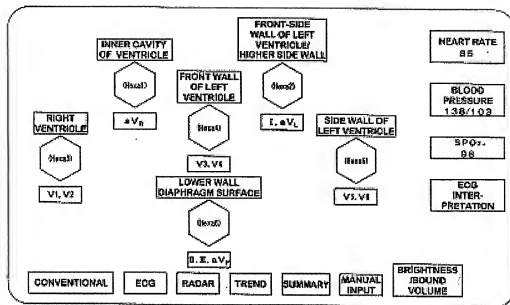
By this amendment the claims have generally been amended for clarity and to address the outstanding §112 rejection.

Regarding the art-based rejection, Applicants would like to point out with reference to an exemplary embodiment of the invention that the measured ECG data which comprises measurements from plural leads are grouped according to each portion of the heart and each ECG feature value of the grouped ECG data is displayed in a chart in which each feature value is displayed correlated with the corresponding portion of the heart.

For example, measured ECG data comprises 12 leads, I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5 and V6. As shown in FIG. 5 (below), 12 leads of measured ECG data are divided into 6 groups. The first group includes aVR, the second group includes I and aVL, the third group includes V1 and V2, the fourth group includes V3 and V4, the fifth group includes V5 and V6 and the sixth group includes II, III and aVF. These groups correspond to portions of the heart. The first group corresponds to the inner cavity of the ventricle, the second group corresponds to the front-side wall of the left ventricle/higher side wall, the third group corresponds to the right ventricle, the fourth group corresponds to the front wall of the left ventricle, the fifth group corresponds to the side wall of the left ventricle and the sixth group corresponds to the lower wall diaphragm surface.

Feature value data which shows features of ECG data is generated for each group's ECG data. The feature value data of each group is displayed in a chart.

FIG.5



Independent claim 1 recites, inter alia, means for generating feature value data indicating an ECG feature value with regard to grouped ECG data, wherein leads of ECG data are grouped according to each portion of the heart, means for generating chart data corresponded to each portion of the heart, wherein the chart data is used to display a chart in which the feature value of each group represented by the feature value data is displayed, and wherein the chart data is displayed where each feature value is displayed correlated with the corresponding physical location of the heart from which the feature value is measured.

Sato only discloses a system which is capable of interpreting the ECG data and displaying the interpreted features.

Sato at least fails to disclose that the measured ECG data which comprises plural leads are grouped according to each portion of the heart and that each ECG feature value of the grouped ECG data is displayed in a chart in which each feature value is displayed correlated with the corresponding physical location of the heart from which the feature value is measured. While the Office Action states that Sato's "12 lead ECG's are inherently grouped..." Sato's leads are not grouped according to each portion of the heart nor is the chart data displayed in a chart in which each feature value is displayed correlated with the corresponding physical location of the heart from which the feature value is measured.

Schuelke fails to overcome these deficiencies.

At least based on the above, the independent claims are patentably distinguishable from the cited references. The dependent claims are further distinguishable at least based on the above and the additional features recited therein.

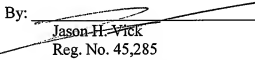
A Notice of Allowance is thus respectfully requested.

The Commissioner is hereby authorized to charge to deposit account number 19-1970 any fees under 37 CFR § 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby petitioned.

Respectfully submitted,

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